IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re-Application of:

EMANUEL, GEORGE

For:

IMPROVED LASER NOZZLE AND IODINE INJECTION FOR

COIL

U.S. Serial No.:

10/658,569

Filed:

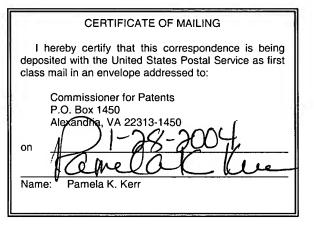
September 9, 2003

Group Art Unit:

3752

Examiner:

Unassigned



Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to the provisions of 37 C.F.R. §1.97, Applicant hereby makes of record the references set forth in the attached modified PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art or that no better art exists. The cited patents are listed in numerical order and not in any order based on their pertinence. Copies of the cited references are included with this filing.

No representation is made, and no representation is intended, that more relevant material does not exist, or that the order of presentation of this material in any way reflects the relative pertinence. The references cited are not intended to constitute an admission of any kind. Specifically, this presentation is not an admission that the items listed are properly citable against the above-identified application.

It is requested that the Examiner fully consider the cited references and that they be cited on the front of any patent issuing from this application.

No fee is enclosed. However, if a fee for filing this Information Disclosure Statement is required, please charge such fee to Deposit Account No. 50-2180.

Respectfully submitted,

STORM & HEMINGWAY, L.L.P.

Robin L. Barnes

Reg. No. 45,936

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Substitute for form 1449A/PT

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Application Number 10/658,569

INFORMATION SCLOSUS STATEMENT BY APPLICANT

Filing Date September 9, 2003

First Named Inventor Emanuel, George

Group Art Unit 3752

Examiner Name Unassigned

(use as many sheets as necessary)

Sheet of Attorney Docket Number KSY 02655 PTUS

			U.S. PATENT DOCUM	IENTS	
Examiner Initials *	Cite No.1	U.S. Patent Document Kind Code ² Number (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Rele Passages or Relevant Figures Appear
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c	0.11	Foreign Patent Document		Name of Patentee	Date of Publication of	Pages, Columns, Lines,		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known				
Application Number	10/658,569			
Filing Date	September 9, 2003			
First Named Inventor	Emanuel, George			
Group Art Unit	3752			
Examiner Name	Unassigned			
Attorney Docket Number	KSY 02655 PTUS			

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		AIAA 94-2416, "Historical Perspectives of the Chemical Oxygen – Iodine Laser (COIL)," by P.V. Avizonis & K.A. Truesdell, 25 th AIAA Plasmadynamics and Lasers Conference, June 20-23, 1994, Colorado Springs, CO	
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		"Computational Analysis of the Transonic Flow Field of Two-Dimensional Minimum Length Nozzles" by B.M. Argrow & G. Emanuel, <i>Journal of Fluids Engineering</i> , September 1991, Vol. 113	
		"Performance of an Aerospace Plane Propulsion Nozzle" by Y.Y. Bae & G. Emanuel, <i>Journal of Aircraft</i> , Vol. 28, Number 2, February 1991	
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		Analytical Fluid Dynamics, Second Edition, George Emanuel, Professor, Department of Mechanical and Aerospace Engineering, University of Texas, Arlington, dated 2001	

Examiner	Date	
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